

SEQUENCE LISTING

<110> KUCHERLAPATI, RAJU
JAKABOVITS, AYA
BRENNER, DANIEL G.
CAPON, DANIEL J.
KLAPHOLZ, SUE

<120> HUMAN ANTIBODIES DERIVED FROM IMMUNIZED XENOMICE

<130> Cell 4.17 DIV

<140> 09/614,092

<141> 2000-07-11

<150> 08/724,752

<151> 1996-10-02

<150> 08/430,938

<151> 1995-04-27

<150> 08/234,145

<151> 1994-04-28

<150> 08/112,848

<151> 1993-08-27

<150> 08/031,801

<151> 1993-03-15

<150> 07/919,297

<151> 1992-07-24

<150> 07/610,515

<151> 1990-11-08

<150> 07/466,008

<151> 1990-01-12

<150> PCT/US96/05928

<151> 1996-04-29

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<170> PatentIn Ver. 2.1

<210> 1

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<212> DNA

<213> Homo sapiens

<400> 1

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ggaactggat caggcagtc ccacgcgagag gccttgagtg gctgggaagg acatactaca 120
gggtccaagt gtataatgat tatgcagtat ctgtgaaaag tcgaataacc atcaaccacg 180
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<210> 2
 <211> 400
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Heavy chain of
 the antibody secreted by clone D5.1

<400> 2
 agaccctctc actcacctgt gccatctccg gggacagtgt ctctagcgac agtgctgctt 60
 ggaactggat caggcagtcc ccacgcagag gccttgagtg gctgggaagg acatactaca 120
 ggtccaagtg gtataatgat tatgcagttt ctgtgaaaag tcgaataacc atcaaccag 180
 acacatccaa gaaccagttc tccctgcagc tgaactctgt gactcccgag gacacggctg 240
 tgtattactg tgcaagagat atagcagtgg ctggcgctcct ctttgactgc tggggccagg 300
 gaaccctggg caccgtctcc tcagggagtg catccgcccc aacccttttc cccctcgtct 360
 cctgtgagaa ttccccgtcg gatacgagca gcgtggccgt 400

<210> 3
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<400> 3
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<210> 4
 <211> 15
 <212> DNA
 <213> Homo sapiens

<400> 4
 tatagcagca gctgg 15

<210> 5
 <211> 77
 <212> DNA
 <213> Homo sapiens

<400> 5
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 acgagcagcg tggccgt 77

<210> 6
 <211> 302
 <212> DNA
 <213> Homo sapiens

<400> 6
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 atcaactgca agtccagcca gagtgtttta tacagctcca acaataagaa ctacttagct 120
 tggtagcagc agaaaccagg acagcctcct aagctgctca ttactgggc atctaccgg 180
 gaatccgggg tccctgaccg attcagtggc agcgggtctg ggacagattt cactctcacc 240

atcagcagcc tgcaggctga agatgtggca gtttattact gtcagcaata ttatagtact 300
cc 302

<210> 7
<211> 442
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Light chain of
the antibody secreted by clone D5.1

<400> 7
accatcaagt gcaagtccag ccagagtgtt ttgtacactt ccagcaataa gaactactta 60
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cgggaatccg gggtccttga ccgattcagt ggcagcgggt ctgggacaga tttcactctc 180
accatccgca gcctgcaggc tgaagatgtg gcagtttatt actgtcagca atattatact 240
attccattca atttcggccc tgggaccaga gtggatatca aacgaactgt ggctgcacca 300
tctgtcttca tcttcccgcc atctgatgag cagttgaaat ctggaactgc ctctgtgtg 360
tgctgtctga ataacttcta tcccagagag gccaaagtac agtgggaagg ggataacgcc 420
ctccaatcgg gttggggaaa aa 442

<210> 8
<211> 38
<212> DNA
<213> Homo sapiens

<400> 8
attcactttc ggccctggga ccaaagtga tatcaaac 38

<210> 9
<211> 149
<212> DNA
<213> Homo sapiens

<400> 9
gaactgtggc tgcaccatct gtcttcatct tcccgccatc tgatgagcag ttgaaatctg 60
gaactgctc tggtgtgtgc ctgtgaata acttctatcc cagagaggcc aaagtacagt 120
ggaaggtgga taacgccctc caatcgggt 149

<210> 10
<211> 399
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Heavy chain
anti-IL-8 antibody D1.1

<400> 10
cctgtccctc acctgcgctg tctatgggtg gtccttcagt gggttactact ggagctggat 60
ccgccagccc ccagggaagg gactggagtg gattggggaa atcaatcaaa gtggaagcac 120
caattacaac ccgtccctca agagtcgagt catcatatca atagacacgt ccaagaccca 180
gttctccctg aagttgagct ctgtgaccgc cgcggacacg gctgtgtatt actgtgcgag 240

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agagactccc catgcttttg atatctgggg ccaagggaca atggtcaccg tctcttcagc 300
ctccaccaag ggcccatcgg tcttccccct ggcgcctgc tccaggagca cctccgagag 360
cacagcgcgc cctgggctgc ctggtcaagg actacttcc 399

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<210> 11
<211> 444
<212> DNA
<213> Artificial Sequence

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<220>
<223> Description of Artificial Sequence: Kappa light
      chain anti-IL-8 antibody D1.1

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<223> a, c, t, g, other or unknown

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ctcctgatct acggtacatc ctatttggaa accgggggtcc catcaagttt cagtgggaagt 180
ggatctggga cagattttac tctcaccatc agcagcctgc agcctgaaga tgttgcaaca 240
tatttctgta acagnatgat gatctcccat acactttcgg ccctgggacc aaagtggata 300
tcaaacgaac tgtggctgca ccatctgtct tcatcttccc gccatctgat gagcagttga 360
aatctggaac tgctctgtt gtgtgcctgc tgaataactt ctatcccaga gaggccaaag 420
tacagtggaa ggtggataac gcc 444

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<210> 12
<211> 453
<212> DNA
<213> Artificial Sequence

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<220>
<223> Description of Artificial Sequence: Heavy chain
      anti-IL-8 antibody K2.2

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<220>
<221> modified_base
<222> (64)
<223> a, c, t, g, other or unknown

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<400> 12
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tggntccgcc aggetccagg caaggggctg gagtgggtgg cagaaatata atatgatgga 120
agtaataaat actatgtaga ctccgtgaag ggccgactca ccatctccag agacaattcc 180
aagaacacgc tgtatctgca aatgaacagc ctgagagctg aggacacggc tgtgtattac 240
tgtgcgagag accgactggg gatctttgac tactggggcc agggaaccct ggtcaccgtc 300
tcctcagcct ccaccaaggc cccatcggtc ttccccctgg cgccctgctc caggagcacc 360
tccgagagca cagcgcggcc ctgggctgcc tgggtccaagg actacttccc ccgaaccggc 420
gacgggtgtc tggaactcag gcgctctgac cag 453

```

```

<210> 13
<211> 470
<212> DNA

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<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Kappa light chain anti-IL-8 antibody K2.2

<220>

<221> modified_base

<222> (6)

<223> a, c, t, g, other or unknown

<220>

<221> modified_base

<222> (460)

<223> a, c, t, g, other or unknown

<400> 13

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aagtccagcc agagtgtttt atacatctcc aacaataaaa ctacttagct tggtagcagc 120
agaaaccagg acagtctcct aaactgctca tttactgggc atctaccggg aaatccgggg 180
tccctgaccg attcagtggc agcgggtctg ggacagattt cactctcacc atcagcagcc 240
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tcccgccatc tgatgagcag ttgaaatctg gaactgcctc tgttgtgtgc ctgctgaata 420
attctatcc  cagagaggcc aaagtacagt ggaaggtggn taacgcccc 470
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<210> 14

<211> 462

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Heavy chain anti-IL-8 antibody K4.2

<400> 14

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cagccccag ggaaggggct ggagtggatt ggggaaatca ttcacatgg aaacaccaac 120
tacaacccgt ccctcaagag tcgagtctcc atatcagttg acacgtccaa gaaccagtcc 180
tccctgacac tgagctctgt gaccgcccgc gacacggctg tgtattactg tgcgagaggg 240
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tccaccaagg gcccatcggt cttccccctg gcgccctgct ccaggagcac ctccgagagc 360
acagcgccgc cctgggctgc ctgggtcaagg actacttccc ccgaaccggg gacggtgtcg 420
tggaactcag gcgctctgac cagcggcgctg cacaccttcc ca 462
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<210> 15

<211> 437

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Kappa light chain anti-IL-8 antibody K4.2

<400> 15

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aggcgagtca ggacattagt aactatttaa attggtatca acagaaagca gggaaagccc 120
ctaaggctct gatctacgt gcatccaatt tggaagcagg ggtcccatca aggttcagtg 180
gaagtggatc tgggacagat ttctacttca ccatcagcag cctgcagcct gaagatattg 240
caacatatta ttgtcaacac tatgataatc tactcacttt cggcggaggg accaaggtag 300
agatcaaacg aactgtggct gcaccatctg tcttcacttt cccgccatct gatgagcagt 360
tgaaatctgg actgcctctg ttgtgtgcct gctgaataac ttctatccca gagaggccaa 420
agtacagtgg aagggtgg                                     437

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<210> 16

<211> 477

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Heavy chain
anti-IL-8 antibody K4.3

<400> 16

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ctgataccag atacagcccg tccttccaag gccaggtcac catctcagcc gacaagtcca 180
tcagcacccg ctactgcag tggagcagcc tgaaggcctc ggacaccgcc atgtattact 240
gtgcgagaca ggacggtgac tcctttgact actggggcca gggaaccctg gtcaccgtct 300
cctcagcctc caccaagggc ccacgcgtct tccccctggc gccctgctcc aggagcacct 360
ccgagagcac agcgcggccc tgggctgcct ggtccaagga ctacttcccc cgaaccggtg 420
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<210> 17

<211> 410

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Kappa light
chain anti-IL-8 antibody K4.3

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<221> modified_base

<222> (270)

<223> a, c, t, g, other or unknown

<220>

<221> modified_base

<222> (279)

<223> a, c, t, g, other or unknown

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 gcatccagtt tggaaagtgg ggtcccatca nggttcagtg gcagtggatc tgggacagat 180
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 gctgcacat ctgtcttcat cttcccgcc tctgatgagc agttgaaatc tggaactgcc 360
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<210> 18
 <211> 24
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Primer

<400> 18
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<210> 19
 <211> 26
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Primer

<400> 19
 gaaacgacac tcacgcagtc tccagc 26

<210> 20
 <211> 24
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Primer

<400> 20
 ttttctttgt tgccgttggg gtgc 24

<210> 21
 <211> 28
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Primer

<400> 21
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